

Fig. 1 is a block diagram of a radio frequency identification system. On the left, an "Interrogator" block (12) is connected to an antenna (16). A signal (20) is transmitted from the antenna (16) to a tag (24) on the right. The tag (24) contains a microchip (26) and an antenna (18). A signal (14) is received by the tag's antenna (18). The tag (24) also transmits a signal (30) back to the interrogator (12) via the antenna (16). The signal (30) is shown as a modulated wave. The signal (20) is shown as a continuous wave. The signal (14) is shown as a continuous wave. The signal (30) is shown as a modulated wave. The signal (22) is shown as a continuous wave. The signal (28) is shown as a modulated wave. The signal (26) is shown as a continuous wave. The signal (32) is shown as a continuous wave.

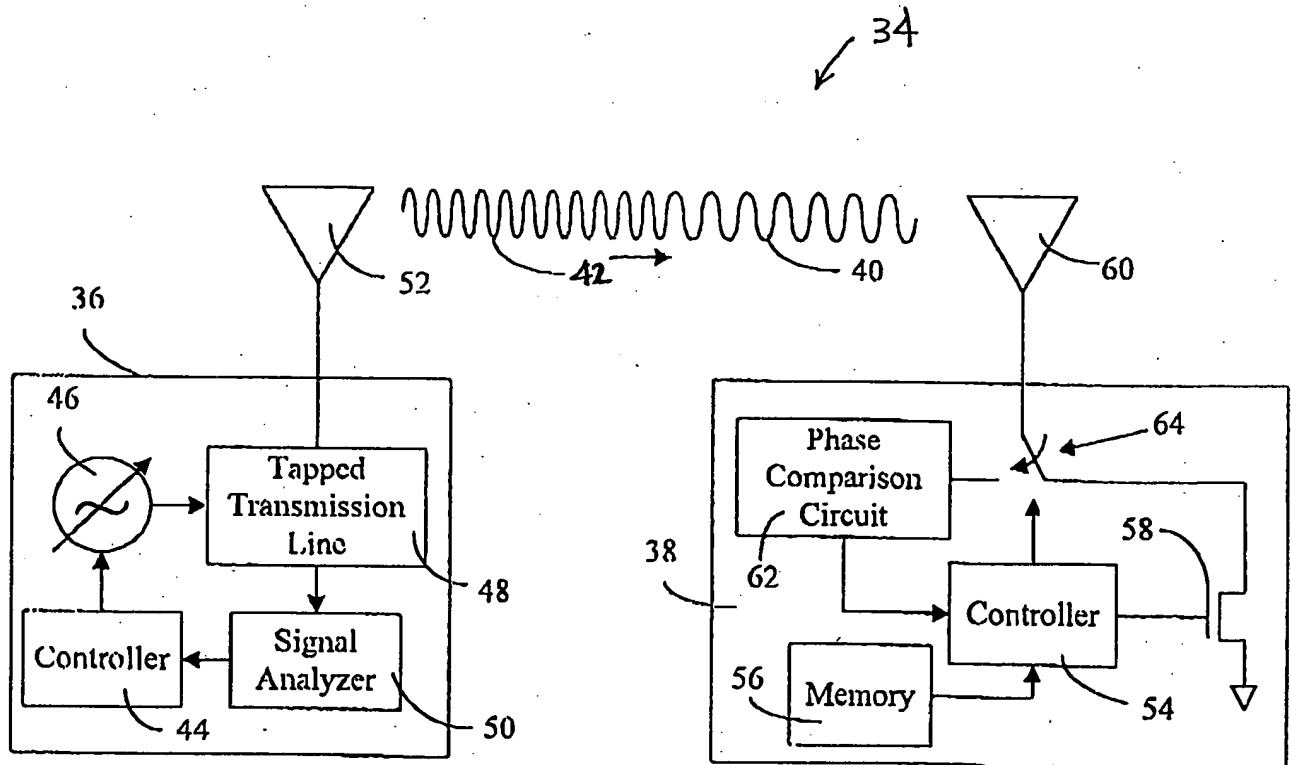


Figure 2

009090" 86688560

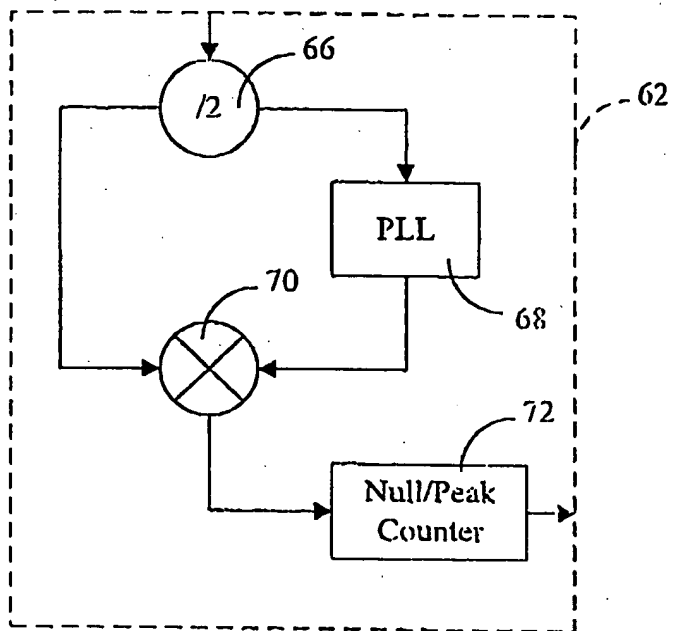


Figure 3

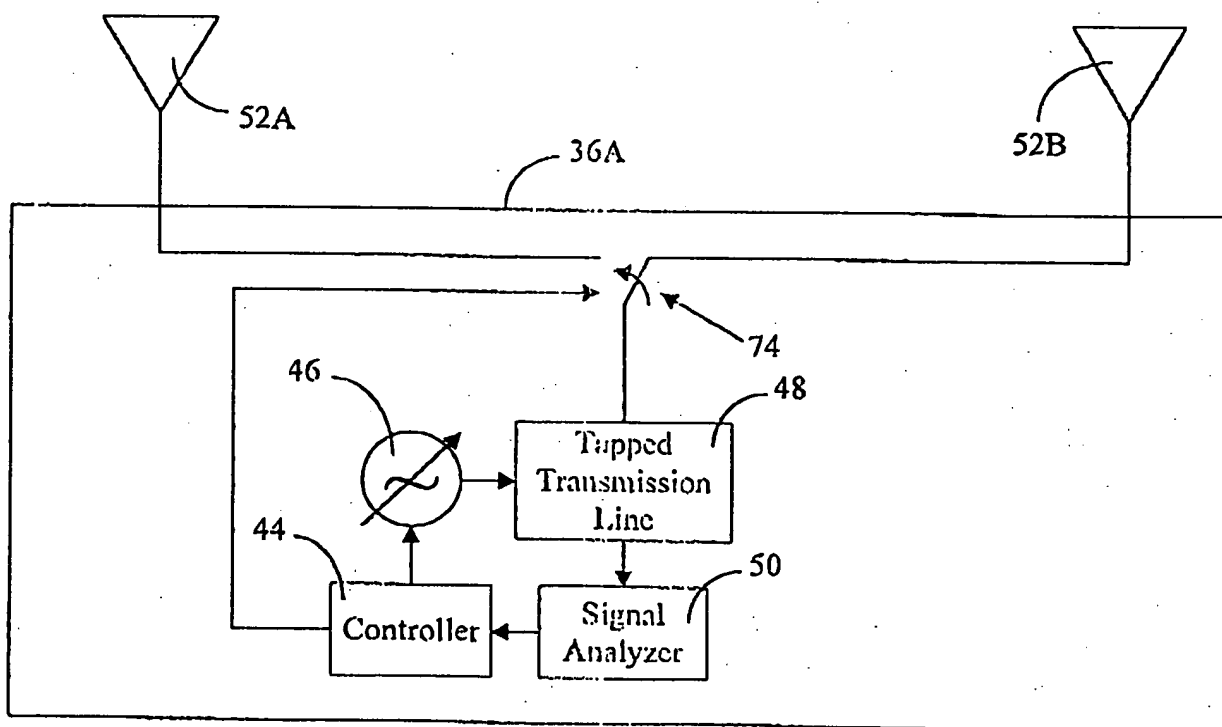


Figure 4

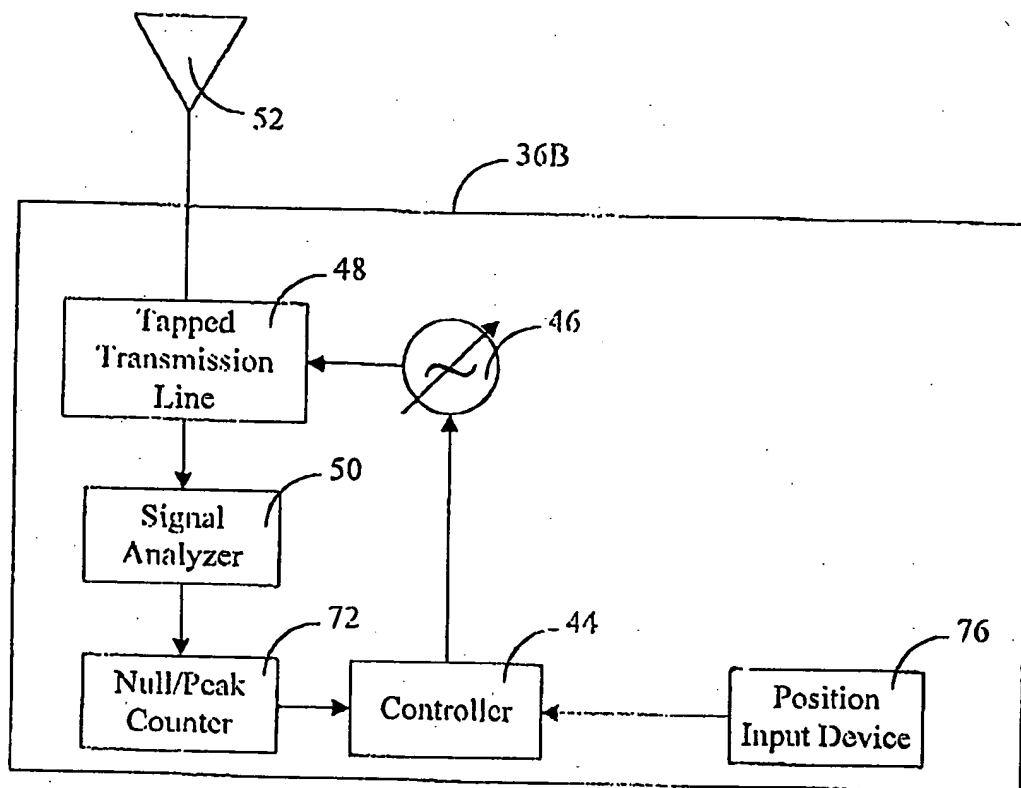


FIG. 5

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